



Department of Toxic Substances Control



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October 30, 2000

Captain Jim Seaman
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APPROVAL OF FINAL IMPLEMENTATION REPORT FOR THE TIME-CRITICAL REMOVAL ACTION AT SITE 50, NAVAL AIR WEAPONS STATION, CHINA LAKE, CALIFORNIA

Dear Captain Seaman:

The Department of Toxic Substances Control (DTSC) has reviewed the document entitled "Final Implementation Report for the Time-Critical Removal Action at Site 50," dated August 2000 (Report). The Report was received with a letter of transmittal dated September 19, 2000, from Southwest Division, Naval Facilities Engineering Command. The Report was prepared for the Department of the Navy by IT Corporation and includes an appendix describing independent confirmation sampling activities and results performed by Tetra Tech EM Incorporated. From the data presented, the goals of reducing the potential impact or hazards to human health and the environment through the use of the removal action have been met, and therefore, DTSC approves of the action.

The objectives of the removal action were to: 1) minimize future release of contaminants from the site through excavation of contaminated soil, debris, and other wastes contained in the trench; 2) reduce the potential impact to human health by backfilling the excavation; 3) reduce or eliminate potential sources of ground water contamination; and 4) reduce or eliminate potential hazards to indigenous species or fauna.

Approximately 704 tons of contaminated soil was removed and disposed of at the Safety-Kleen facility in Buttonwillow, California. Confirmation sampling results found one exceedance of the industrial U.S. Environmental Protection Agency Preliminary Remediation Goals (PRGs) for benzo (a) pyrene at 1.60 mg/kg and several minor

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exceedances of arsenic that appear to be within background concentrations. The risk associated with the noted results will be addressed in the remedial investigation / feasibility study for this site. In addition, as previously discussed, because analytical results exceeded residential PRGs, institutional controls will need to be implemented for this site to insure the site is used for industrial purposes only, unless additional remediation is accomplished.

If you have any question, please call Mr. Mike Purcell, Hazardous Substances Engineering Geologist, at 916-255-3698.

Sincerely,



Anthony J. Landis, P.E.
Chief
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